



123878/Hassibi 5-10
Atty Docket No. 29250-000636

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **CAYLEY-ENCODATION OF UNITARY MATRICES FOR DIFFERENTIAL COMMUNICATION** the specification of which was filed on February 20, 2002 and assigned U.S. Patent Application Serial No. 10/077,849.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

U.S. Provisional Patent Application, Serial No. 60/269,838, filed February 20, 2001

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. Patent Application, Serial No. 09/356,387, filed July 16, 1999

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false

statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Stephen M. Gurey	(Reg. No. 27336)
Matthew J. Hodulik	(Reg. No. 36164)
Eugene S. Indyk	(Reg. No. 30711)
Michael B. Johannesen	(Reg. No. 35557)
Irena Lager	(Reg. No. 39260)
John B. MacIntyre	(Reg. No. 41170)
Christopher N. Malvone	(Reg. No. 34866)
John F. McCabe	(Reg. No. 42854)
Gregory J. Murgia	(Reg. No. 41209)
Neil R. Ormos	(Reg. No. 35309)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
Jeffrey M. Weinick	(Reg. No. 36304)

I hereby appoint the attorney(s) on ATTACHMENT A as associate attorney(s) in the aforementioned application, with full power solely to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected with the prosecution of said application. No other powers are granted to such associate attorney(s) and such associate attorney(s) are specifically denied any power of substitution or revocation.

Full name of sole inventor (or 1st joint inventor):

Inventor's
signature



Babak HASSIBI

Date March 26, 2002

Residence: Pasadena, California

Citizenship: USA

Post Office Address: 300 East Bellevue Drive, # 232, Pasadena, CA 91101

Full name of 2nd joint inventor:

Inventor's
signature

Bertrand M. HOCHWALD

Date _____

Residence: Summit, New Jersey

Citizenship: USA

Post Office Address: 28 Mountain Avenue, Summit, NJ 07901

ATTACHMENT A

Attorney Name(s):	<u>Thomas S. Auchterlonie</u>	Reg. No(s):	<u>37,275</u>
	<u>John A. Castellano</u>		<u>35,094</u>
	<u>Terry L. Clark</u>		<u>32,644</u>
	<u>Donald J. Daley</u>		<u>34,313</u>
	<u>Gary D. Yacura</u>		<u>35,416</u>

Telephone calls should be made to Harness, Dickey & Pierce, P.L.C. at:

Phone No.: (703) 390-3030

Fax No.: (703) 390-3020

All written communications are to be addressed to:

HARNESS, DICKEY & PIERCE, P.L.C.

P.O. BOX 8910
Reston, VA 20195



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#3

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Full name of sole inventor (or 1st joint inventor):

Inventor's
signature Babak HASSIBI Date _____

Residence: Pasadena, California

Citizenship: USA

Post Office Address: 300 East Bellevue Drive, # 232, Pasadena, CA 91101

Full name of 2nd joint inventor:

Inventor's
signature Bertrand M. HOCHWALD Date 3/26/02

Residence: Summit, New Jersey

Citizenship: USA

Post Office Address: 28 Mountain Avenue, Summit, NJ 07901

ATTACHMENT A

Attorney Name(s):	<u>Thomas S. Auchterlonie</u>	Reg. No(s):	<u>37,275</u>
	<u>John A. Castellano</u>		<u>35,094</u>
	<u>Terry L. Clark</u>		<u>32,644</u>
	<u>Donald J. Daley</u>		<u>34,313</u>
	<u>Gary D. Yacura</u>		<u>35,416</u>

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